CIVIL TECH LABS

35/40, "Kaivara Krupa" First Floor, 38th 'A' Cross, II Main, 8th Block, Jayanagar,
BANGALORE-560070. Ph: 080 - 3500 2277, 3500 2275, Email: civiltechlabs@gmail.com

TEST REPORT

GRADATION TEST ON FINE AGGREGATES

Name & Address of the Customer	AEE,Yalahanka Division BBMP. Banglore.
Name of Work	**"Asphalting to road from D.B Pura main road towards railway station (mini vidhanasodha road in Ward no-01"**
Name of the Agency	Sri. M Ravish Kumar
Date of Testing	04/05/2022
Specific Gravity	2.59
Technical Reference	IS : 2386(Part I)-1963 (Reaffirmed 2016), IS : 2386 (Part III)-1963 (Reaffirmed 2016)

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS 383 : 2016				Grading Zone	Remarks
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV		
Crushed Stone Sand	10	100	100	100	100	100	II	Satisfies the requirement
	4.75	98.2	90-100	90-100	90-100	95-100		
	2.36	89.4	60-95	75-100	85-100	95-100		
	1.18	77.7	30-70	55-90	75-100	90-100		
	0.6	55.1	15-34	35-59	60-79	80-100		
	0.3	28.8	5-20	8-30	12-40	15-50		
	0.15	17.8	0-20*	0-20*	0-20*	0-20*		

► ***For Crushed Stone Sand the permissible % passing on upper limit for 150μ IS Sieve is increased from 10 for Zone I,II,III & 15 for Zone IV, to 20%**

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

(YASHASWINI S D)
Quality Engineer

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CIVIL TECH LABS

35/40, "Kaivara Krupa" First Floor, 38th 'A' Cross, II Main, 8th Block, Jayanagar,
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TEST REPORT

GRADATION TEST ON GRANULAR SUB BASE MATERIALS GRADING - V

Name & Address of the Customer	AEE,Yalahanka Division BBMP. Banglore.
Name of Work	**"Asphalting to road from D B Pura main road towards railway station (mini vidhanasodha road in Ward no-01"**
Name of the Agency	Sri. M Ravish Kumar
Date of Testing	07/05/2022
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

IS Sieve Designation (mm)	% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 400-1 for GSB Grading-V	Actual % By Weight Passing IS Sieve	Remarks
75	100	**100**	**Satisfies the requirement**
53	80-100	**89.2**	
26.5	55-90	**79.2**	
9.5	35-65	**62.3**	
4.75	25-50	**47.7**	
2.36	10-20	**18.6**	
0.85	2-10	**8.3**	
0.425	0-5	**4.3**	

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(YASHASWINI S D.)
Quality Engineer

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS

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TEST REPORT

DETERMINATION OF BINDER CONTENT FROM BITUMINOUS PAVING MIXTURE FOR QUALITY CONTROL - BITUMINOUS MACADAM MIX-GRADE 2

Name & Address of the Customer	AEE,Yalahanka Division BBMP. Banglore.
Name of Work	**"Asphalting to road from D B Pura main road towards railway station (mini vidhanasodha road in Ward no-01"**
Name of the Agency	Sri. M Ravish Kumar
Date of Testing	10/05/2022
Technical Reference	ASTM: D2172/D2172M-17 - Test Method A - Centrifuge Extraction

Specification: As Per MORTH (4th Revision) Table 500-4 BM-Grade -2, Bitumen Content for BM Grade-2 is 3.3 % TO 3.5 %

Sl. No.	Description	Values
1	Weight of bituminous mixture before extraction test, **W_1 g**	**2000.0**
2	Total Weight of mineral aggregate obtained from centrifuge extractor, **W_2 g**	**1943.0**
3	Total weight of Bitumen extracted from the mixture, **W_3 g = (W_1-W_2) g**	**57.0**
4	Bitumen content in %, **(W_3/W_1) %**	**2.9**

Remarks	**Satisfies the requirement**

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(YASHASWINI S D.)
Quality Engineer

CIVIL TECH LABS BANGALORE

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TEST REPORT

GRADATION TEST ON BITUMINOUS CONCRETE MIX GRADE - 2

Name & Address of the Customer	AEE,Yalahanka Division BBMP. Banglore.
Name of Work	**"Asphalting to road from D B Pura main road towards railway station (mini vidhanasodha road in Ward no-01"**
Name of the Agency	Sri. M Ravish Kumar
Date of Testing	11/05/2022
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 500-17 for BC Grade-2**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	**100**	**Satisfies the requirement**
13.2	90-100	**98.2**	
9.5	70-88	**86.1**	
4.75	53-71	**65.5**	
2.36	42-58	**56.1**	
1.18	34-48	**43.2**	
0.6	26-38	**37.1**	
0.3	18-28	**26.3**	
0.15	12-20	**18.6**	
0.075	4-10	**9.2**	

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(YASHASWINI S D.)
Quality Engineer

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